6J5
6J5-GT

6J5, 6J5-GT
MEDIUM-MU TRIODE

GENERAL DATA

Electrical:

Heater, for Unipotential Cathode:

Voltage	6.3		ac or dc volts
Current	0.3		amp

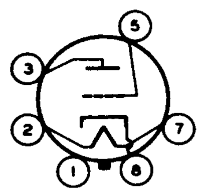
	6J5	6J5-GT	
Direct Interelectrode Cap. (Approx.):	–	▲▲	
Grid to Plate	3.4	3.8	μμf
Grid to Cathode	3.4	4.2	μμf
Plate to Cathode	3.6	5.0	μμf

▲▲ With No.308 shield connected to cathode.

Mechanical:

	6J5	6J5-GT
Mounting Position	Any	Any
Maximum Overall Length	2-5/8"	3-5/16"
Maximum Seated Height	2-1/16"	2-3/4"
Maximum Diameter	1-5/16"	1-5/16"
Bulb	Metal Shell, MT8G	T-9
Base	Small-Wafer Octal 6-Pin	Sm.-Wafer Octal 6-Pin, Sleeve
Basing Designation for BOTTOM VIEW	6Q	GT-6Q

Pin 1 {6J5, Shell / 6J5-GT, Base Sleeve}
Pin 2 - Heater



Pin 3 - Plate
Pin 5 - Grid
Pin 7 - Heater
Pin 8 - Cathode

AMPLIFIER- Class A₁

Maximum Ratings, ***Design-Center Values*****:**

PLATE VOLTAGE	300 max.	volts
GRID VOLTAGE	0 max.	volts
CATHODE CURRENT	20 max.	ma
PLATE DISSIPATION	2.5 max.	watts
PEAK HEATER-CATHODE VOLTAGE:		
Heater negative with respect to cathode.	90 max.	volts
Heater positive with respect to cathode.	90 max.	volts

Typical Operation and Characteristics:

Plate Voltage	90	250	volts
Grid Voltage	0	-8	volts
Amplification Factor	20	20	–
Plate Resistance	6700	7700	ohms
Transconductance	3000	2600	μmhos
Plate Current	10	9	ma

6J5, 6J5-GT

MEDIUM-MU TRIODE

Maximum Circuit Values:

Grid-Circuit Resistance. . . . . 1.0 max. megohm

Typical Operation as Resistance-Coupled Amplifier:

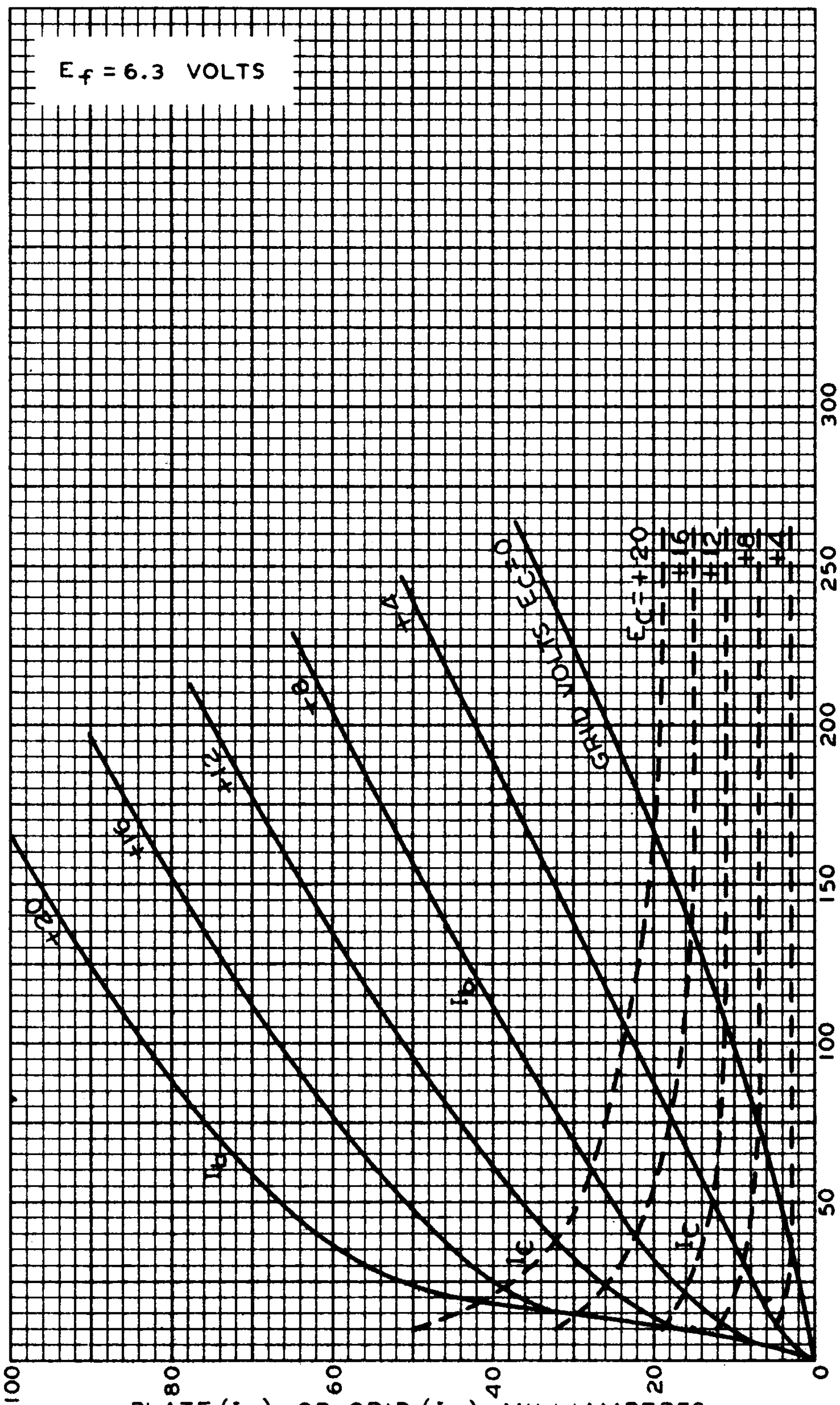
See RESISTANCE-COUPLED AMPLIFIER CHART at the front of this Section.

TUBE DEPARTMENT
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

6J5

6J5

AVERAGE PLATE CHARACTERISTICS

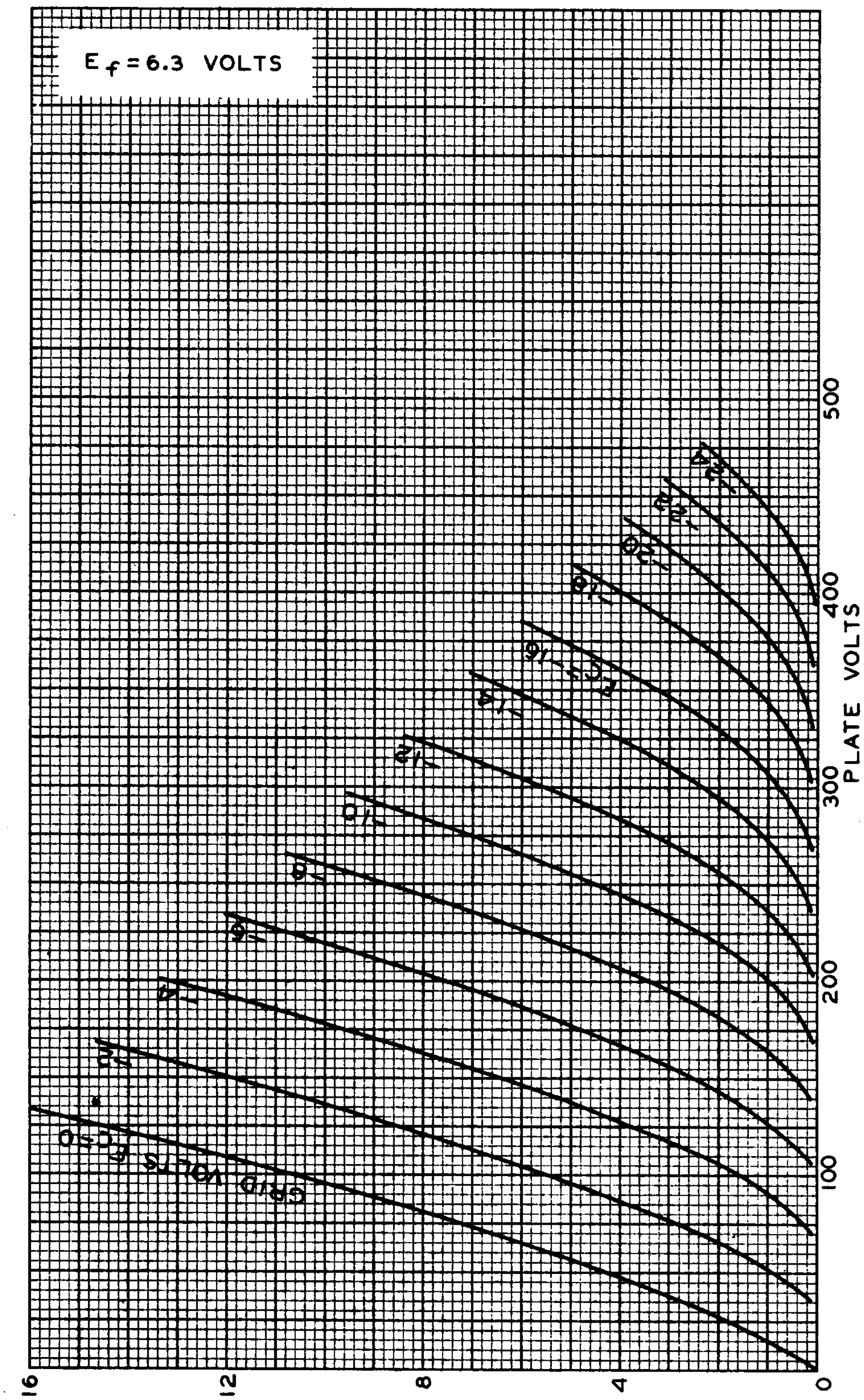


AUG. 10, 1943 TUBE DEPARTMENT 92CM-6448

RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

6J5

6J5
AVERAGE PLATE CHARACTERISTICS



APRIL 27, 1943

TUBE DEPARTMENT
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

92CM-4771R1